

01/26/01
1002 U.S. PTO

01-29-01 A

PTO/SB/05 (11-00)

Approved for use through 10/31/2002, OMB 0651-0032

Patent and Trademark office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional application under 37 CFR § 1.53(b))

Attorney Docket No.	E-1825 CJP	
First Inventor or Application Identifier	Craig et al	
Title	Method and Apparatus for the Detection of Hydrogenous Materials	
Express Mail Label No.	EE797446645US	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:
Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. *Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.

3. Specification [Total Pages 32]
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (*if filed*)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 24]

5. Oath or Declaration [Total Pages 3]

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 C.F.R. § 1.63(d))
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. Computer Readable Form (CRF)

b. Specification Sequence Listing on:

- i. CD-ROM or CD-R (2 copies); or
- ii. paper

c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 C.F.R. § 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent

17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP) of prior application No. 09/561,830

Prior application information: Examiner:

Group/Art Unit: 3641

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or <input checked="" type="checkbox"/> Correspondence address below
Name	Stephen R. May			
Address	Intellectual Property Services, Battelle Memorial Institute, Pacific Northwest Division, P.O Box 999			
City	Richland	State	WA	Zip Code 99352
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Name (Print/Type)	Stephen R. May	Registration No. (Attorney/Agent)	29,255
Signature	Stephen R. May	Date	Jan 26, 2001

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, and DC 20231.

01-29-01
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01/26/01

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**FEE TRANSMITTAL
For FY 2001**

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ 391.00)

Complete If Known

Application Number	not yet assigned
Filing Date	herewith
First Named Inventor	R.A. Craig et al.
Examiner Name	not yet assigned
Group/Art Unit	not yet assigned
Attorney Docket No.	E-1825 CIP

METHOD OF PAYMENT (check one)1 The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number 02-1275

Deposit Account Name Battelle Memorial Institute - PND

 Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 Applicant claims small entity status

2 Payment Enclosed

 check Money Order Other**FEES CALCULATION****1. BASIC FILING FEE**

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)		
101 710	201 355	Utility filing fee	355
106 320	206 160	Designing filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 355)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee form below	Fee Paid
24	4	X 9	= 36
Independent Claims 2	0	X	=
Multiple Dependent			

**or number previously paid, if greater. For Reissues, see below

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)		
103 18	203 9	Claims in excess of 20	
102 80	202 40	Independent claims in excess of 3	
104 270	204 135	Multiple dependent claim, if not paid	
109 80	209 40	**Reissue independent claims over original patent	
110 18	210 9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 36.00)

3 ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)		
105 130	205 65	Surcharge- late filing fee or oath	
127 50	227 25	Surcharge- late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within forth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Requesting for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	224 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
Other fee (specify)			

'Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Name (Print/Type)

Stephen R. May

Registration No.

(Attorney/Agent) 29,255

Complete (if applicable)

Telephone (509) 375-2387

Signature

Stephen R. May

Date

Jan 26, 2001

SEND TO Assistant Commissioner for Patents, Washington, DC 20231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
 Richard A. Craig and)
 Anthony J. Peurrung)
)
)
 For: METHOD AND APPARATUS) Our Ref. No: E-1825 CIP
 FOR THE DETECTION OF)
 HYDROGENOUS MATERIALS) Date: January 24, 2001

1c970 U.S. PTO
 09/771064
 01/26/01

CERTIFICATE OF MAILING

Box PATENT APPLICATION
 Commissioner of Patents and Trademarks
 Washington, DC 20231

Dear Sir:

The undersigned hereby certifies that the attached:

- Patent Application of 32 pages, and
- Drawings of 24 Sheets
- Fee Transmittal (2 ea.)
- Assignment / Cvr. Sheet
- Combined Declaration and Power of Attorney
- Information Disclosure
 - with attachments

are being deposited with the United States Postal Service as:

First Class Mail
 Express Mail - Label #EE797446645US
 in an envelope addressed to the Commissioner of Patents and
 Trademarks, Washington, D.C. 20231, on the date set forth
 below.

Janice K. Laybourn
 Signature

1/26/2001
 Date Deposited

Janice K. Laybourn K1-53
 Intellectual Property Services
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